

Air Curtain for Smoke Control

Presented by Cronax Industries



During a fire emergency, smoke spreads faster than flames and often becomes the biggest threat to occupants. Smoke control systems are designed to restrict the movement of smoke and maintain safer escape routes.

An [air curtain for smoke control](#) creates a high-velocity stream of air across openings to act as an invisible barrier. This airflow helps reduce smoke migration between different areas of a building without affecting pedestrian movement.

Cronax Industries provides advanced air curtain solutions designed to support effective smoke management in commercial and industrial environments.

How Smoke Control Air Curtains Work

Working Principle

- A powerful air stream is generated across doorways or open passages.
- The airflow creates an invisible barrier between two zones.
- It slows down and restricts the transfer of smoke.
- Escape routes and critical areas remain clearer for longer periods.
- The system can work alongside building smoke management systems.

Key Objective

To improve occupant safety by controlling smoke movement during emergencies.

Benefits of Smoke Control Air Curtains

- ✓ Helps limit smoke spread.
- ✓ Supports safer evacuation routes.
- ✓ Allows free movement without physical barriers.
- ✓ Can integrate with fire and building management systems.
- ✓ Reduces the need for permanently closed doors in certain applications.
- ✓ Suitable for high-traffic environments.
- ✓ Enhances overall fire safety strategy.

With reliable engineering and quality manufacturing, **Cronax Industries** delivers smoke control air curtains built for dependable performance.

Where Are Smoke Control Air Curtains Used?

- Shopping malls
- Airports
- Hospitals
- Metro stations

- Office complexes
- Manufacturing facilities
- Warehouses
- Commercial buildings
- Educational institutions
- Public infrastructure projects

These locations often require efficient smoke management while maintaining easy access and smooth people movement.

Why Choose Cronax Industries?

At **Cronax Industries**, we focus on delivering innovative entrance and environmental control solutions tailored to industry requirements.

Why Clients Choose Us:

- High-quality manufacturing standards
- Customized air curtain solutions
- Experienced technical support
- Reliable performance and durability
- Timely project execution
- Customer-focused approach

Conclusion

An effective [air curtain](#) for smoke control can play an important role in enhancing building safety. By helping contain smoke and supporting evacuation efforts, these systems contribute to safer environments for occupants and assets.

Cronax Industries is committed to providing dependable smoke control air curtain solutions that meet the evolving safety needs of modern buildings.

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